



# CDF Operations Report

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**CDF Weekly Meeting**  
**December 1st, 2005**

## Store Summary (Nov.24 – Dec.01, 2005)

Store	start Date	time [hours]	initial lumi [E30]	integ lumi delivered [pb <sup>-1</sup> ]	live lumi [pb <sup>-1</sup> ]	GoodRun w/ si [pb <sup>-1</sup> ]	Comments
			<i>No Data Taking</i>				
Total							

# Detector/System News

- Silicon

- Due to the power outage Silicon Detector was switched off, cooling was stopped temporarily.
- Chiller was swapped on ISL
- Detector still down, will be powered up (hopefully) today

- TDC upgrade

- Upgraded TDC were installed in b0cot10, so now we have 18 out 20 crates with new TDC

- Online Computing

- File server migration is close to be finished
- Upgrade to Linux 3.0.5: most software applications were successfully migrated and compiled

- iFix

- Hardware problem with VNODE1, file system reconstructed from the DVD image. We expect to start running VNODE1 today (spare node in use for a while)

# Access summary

## Monday, November 28

- Muon Detectors
  - BMU noisy stacks were isolated on NW and SE sectors, HV boards replaced
  - BSU dead channel fixed on SE, PAD was replaced
  - TSU counter was replaced on SE

## Tuesday, November 29

- Power outage started to install new breakers circuits for the Level-3 racks
- Beam Luminosity Monitor (BLM)
  - Additional diamond was installed, cabled and tested with a source
- More XFT fibers were installed
- CDF Safety system was checked

# Access summary

Monday, November 30

- TDC work
  - Installed upgraded TDC
  - Re-arranged boards in crates COT03 (Rev. C), COT04 (Rev. E/F) and COT05 (Rev. C)
  - XFT transition boards and XTC2 boards were installed
  - Replaced bad boards
- Muon Detectors
  - BMU NW12 and 60 were investigated, not able to reproduce the HV problem
  - TSU spare counter was fixed
- Calorimeters
  - Noisy PHA channel was fixed
  - PEM channels were checked
  - Work was done with CCAL crates

# What's next ?

- Plug sourcing
  - Virgil Barnes will work on source driver this evening (after 5:00pm). All other groups are asked to stop working in collision hall until the work with source is not done
- XFT upgrade
  - SLAM boards installation will be finished on Monday, followed by more tests
- BLM work
  - Test with diamond to be finished
- CDF operation plan: to finish access work on Monday and get all systems operating

# Run II Integrated Luminosity

